



## NEW PANASONIC i-PRO ICV4000 FHD & VC35(AS-1) FRONT CAMERA



### ICV4000 360° FHD

The new Panasonic i-PRO Sensing Solutions ICV4000 360° FHD in-car digital video recording system offers industry-leading image quality for unmatched critical mobile video evidence capture. The WV-VC35 Full HD 1080p front camera delivers amazing clarity and color reproduction even in low light. The ICV4000 system supports up to four additional HD cameras, for complete 360 degree situational awareness.

- Full HD 1080p high-quality video evidence capture
- Unparalleled 360 degree recording and viewing
- Supports up to two 512GB solid state drives with 256AES encryption
- Full integration with the BWC4000 Body Worn Camera, with field swappable battery
- Compatible WV-VC35 front camera offers full color in extreme low-light conditions, with
- Compatible WV-VC35 front camera offers industry-leading, high resolution, 86 degree wide-angle FOV
- Available wireless microphone transmits quality audio up to one mile
- Compatible with Unified Digital Evidence (UDE) On-Premise and ClouDE Hosted DEMS

#### KEY FEATURES

- NEW** Improved Hi-Speed Video Processor
- NEW** MP4 Video File Format
- NEW** Built-in GPS, Dual 802.11ac Wi-Fi Support, and Bluetooth 4.2LE
- NEW** Dual SSD Capability Up to 1TB with 256 AES Encryption
- Tested to MIL-STD-810H Standards
- 1080p / 720p / 360p Configurable Resolution
- Compatible with Arbitrator VC30, VC31, VC32, VC35 Cameras
- Record up to five High-resolution Cameras at the Same Time

**Panasonic**

An Imaging Solution Provider

## GENERAL

Model Number	WJ-VPU4000
<b>VIDEO RECORDER SPECIFICATIONS</b>	
Dimensions (W x H x D)	7.0" (W) x 3.44" (H) x 6.1" (D)
Weight	4.0 lbs
Durability	Rugged Design to Withstand Extreme Heat and Vibration MIL-STD-810H, UL62368
Operating Temperature	-10°C to +50°C {14°F to +122°F}
Operating Humidity	10% to 80% (Non-Condensing)
Video Storage	256GB / 512GB SSD i-PRO Only, 2 Bays Removable / Lockable, Up to 1TB
Media Encryption	256 AES
Video File Format	MP4
Video Compression	H.264
Audio	3 Input Channels RCA Connectors, Using AAC
Power Input	12VDC Operating Range 10.0-16.0VDC
Power Consumption	12VDC (Max w/5 Cameras) 56.4W
Interface	5-100Mbps Ethernet, 2-1Gbps Ethernet, 1-100Mbps BWC Dock Radar-RS232C, Analog Audio-In-Car Mic, 2x-Analog for Wireless Microphone
Wireless	802.11a/b/g/n/ac 2x Modules 2x Antennas each, 2.4GHz/5GHz
Bluetooth	Bluetooth 4.2 LE
GPS	Built-in, SMA Connector
GPIO	16 Inputs, 4 Outputs
Impact Sensor	Built-in WV-VC35 Front Camera, Configurable Sensitivity
Mounting Bracket	Bracket Included for Trunk / Console Mounting
Antenna	Accessory - 6 Lead Shark Fin, 4x-2.4/5GHz, 1x-BT, 1x-GPS
Battery Backup Unit	Included - 50W Capacity Automatic Switching / Configurable Shutdown
Warranty	Main Unit: 3 Years, Battery Backup Unit: 1 Year

## ACCESSORIES / OPTIONS

WJ-VPU4000	VPU4000 Recording Unit Only
IPS-ICV4-ACC	VPU4000 Accessory/Cable Kit - Includes: <ul style="list-style-type: none"><li>■ 256SSD w/256 AES Encryption</li><li>■ Power Distribution Box &amp; Cables</li><li>■ Battery Backup Unit</li><li>■ 3 Ethernet 25' Cables (Black, Yellow, Blue)</li></ul>
IPS-ICV4-256SSD	256GB SSD w/256 AES Encryption
IPS-ICV4-512SSD	512GB SSD w/256 AES Encryption
IPS-ICV4-ANT-BL	Antenna Shark Fin 6-in-1 Antenna, Bolt-On, Black
IPS-ICV4-ANT-WH	Antenna Shark Fin 6-in-1 Antenna, Bolt-On, White
WV-VC35	Front Compact Wide Angle Camera
WV-VC32	Side/Rear Camera (Also Order Side Cable ARB-CABL5IDE)
WV-VC31	Back Seat Camera with Infrared
WV-VC30	Front 30x Zoom Camera
ARB-M90	Wireless Mic Transmitter/Receiver/Desktop Charger Kit 900MHz
ARB-M24	Wireless Mic Transmitter/Receiver/Desktop Charger Kit 2.4GHz



## FRONT CAMERA (WV-VC35)

### FEATURES

**Resolution:** Imaging Mode: 16:9  
H.264 1920 x 1080 / 1280 x 720 / 640 x 360 / 320 x 180, 30fps

**Zoom Range:** 1x Optical; 3x Digital

**Image Sensor:** 1/3 CMOS

**Low-light Capability:**

Color: 0.03 lx (0.0028 footcandle) (F2.2, AGC: On [High])

B/W: 0.02 lx (0.0019 footcandle) (F2.2, AGC: On [High])

**Angular Field of View:** Horizontal: 86° Vertical: 46°

**Auto Adjustments:** Focus, White Balance

**Day/Night:** On / Off/Auto

**AGC:** On (Low) / On (Mid) / On (High) / Off

**Weight:** .43 lbs.

**Dimensions:** 4.5" (W) x 1.77" (H) x 1.45" (D) (Excluding Mount)

**File Format / Compression:** MP4, H.264 / H.265

**G-Force Impact Sensor:** Internal Built-In

### CONTROLS (HARDWARE BASED)

**Record:** Front and Rear Record Indication Mode Button  
to Optimize for Lighting

### CONTROLS (SOFTWARE BASED)

Manual Zoom

Auto Focus

Record (Front and Rear Record Indication on Hardware)

## BACK SEAT CAMERA (WV-VC31)

### FEATURES

**Resolution:** Imaging Mode: 16:9

H.264 1280 x 720 / 640 x 360 / 320 x 180, 30fps (Max)

**Image Sensor:** 1/4 MOS

**Low-light Capability:** B/W: 0.0 lx (When the IR-LED is Lit)

**Infrared:** Auto

**Angular Field of View:** Horizontal: 150°, Vertical: 93°

**Auto Adjustments:** White Balance

**Day/Night:** Auto

**AGC:** Auto

**Wide Dynamic Range:** Auto

**Weight:** 0.79 lb

**Dimensions:** .3.94" (W) x 1.69" (H) x 1.85" (D)

(Excluding Mount and Projecting Parts)

## SIDE/REAR VIEW CAMERA (WV-VC32)

### FEATURES

**Resolution:** Imaging mode: 16:9

H.264 1280 x 720 / 640 x 360 / 320 x 180, 30fps (Max)

**Image Sensor:** 1/4 MOS

**Low-light Capability:** Color: 1.5 lx | B/W: 1.0 lx

**Angular Field of View:** Horizontal: 150°, Vertical: 93°

**Auto Adjustments:** White Balance

**Day/Night:** Auto

**AGC:** Auto

**Wide Dynamic Range:** Auto

**Weight:** 0.62 lb

**Dimensions:** .3.94" (W) x 1.69" (H) x 1.85" (D)

(Excluding Mount and Projecting Parts)

## LEARN MORE

[publicsafety.i-pro.com/VPU4000](http://publicsafety.i-pro.com/VPU4000)

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